

DOCKET NO. 2343-173-27

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Shelly John MECHERY, et al. ART UNIT: 2874  
SERIAL NO.: 10/693,519 EXAMINER: Michael J. STAHL  
CONFIRMATION NO.: 2226  
FILING DATE: October 27, 2003  
FOR: OPTICAL SENSING ELEMENTS FOR NITROGEN DIOXIDE (NO<sub>2</sub>)  
GAS DETECTION, A SOL-GEL METHOD FOR MAKING THE  
SENSING ELEMENTS AND FIBER OPTIC SENSORS  
INCORPORATING NITROGEN DIOXIDE GAS OPTICAL SENSING  
ELEMENTS

**AMENDMENT**

COMMISSIONER FOR PATENTS  
PO BOX 1450  
ALEXANDRIA, VA 22313-1450

SIR:

Responsive to the outstanding final Office Action dated September 11, 2006, entry of  
the following amendments is respectfully requested.